APR 2 7 2005 ET TRADEMAK AP

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Yiqing Liang et al.

Group Art Unit: 2526

Serial No.: 10/698,044

Examiner: Seyed Azarian

Filed: October 30, 2003

Confirmation No.: 1168

Title: Unified System and Method for Animal

Docket No.: 1617880-0008

Behavior Characterization in Home

Cages Using Video Analysis

Certificate of Mailing

I hereby certify that this paper is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.

Julie Rowinski

Name

4/25/2005

Date

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

In compliance with 37 C.F.R. § 1.56 and in accordance with 37 C.F.R. §§ 1.97 and 1.98, Applicants request that the references listed on the enclosed Forms PTO/SB/08A and PTO/SB/08B be made of record in this application. Copies of the references were filed with the parent case, U.S. Patent Application No. 09/718,374, now U.S. Patent No. 6,678,413.

Applicants have enclosed the required fee for this submission.

04/27/2005 ZJUHAR1 00000018 231703 10698044

04 FC:1806 180.00 DA

Respectfully submitted,

Yiqing Liang et al

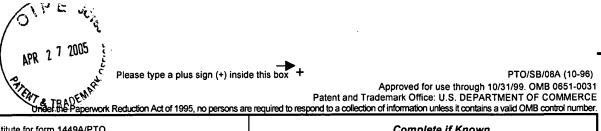
Dated: 4/25/2005

Steven D. Hemminger Reg. No. 30,755

White & Case LLP 3000 El Camino Real

5 Palo Alto Square, 10th Floor

Palo Alto, CA 94306 (650) 213-0303



INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Complete if Known	
				Application Number	10/698,044
				Filing Date	October 30, 2003
				First Named Inventor	Yiqing Liang et al.
	-	· · · · · · · · · · · · · · · · · · ·		Group Art Unit	2526
(use as many sheets as necessary)		Examiner Name	Azarian, Seyed.		
Sheet	1	of	6	Attorney Docket Number	1617880-0008

		U	I.S. PATENT DOCU	MENTS	
Examiner Initials *	Cite No.1	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US - 3,100,473	08/13/1963	Kissel	
	i .	US - 3,304,911	02/21/1967	Hakata et al.	
		US - 3,803,571	04/09/1974	Luz	
		US - 3,974,798	08/17/1976	Meetze, Jr.	
٠		US - 4,337,726	07/06/1982	Czekajewski et al.	
		US - 4,574,734	03/11/1986	Mandalaywala et al.	
		US - 5,546,439	08/13/1996	Hsieh	
		US - 5,596,994	01/28/1997	Bro	
		US - 5,708,767	01/13/1998	Yeo et al.	
		US - 5,816,256	10/06/1998	Kissinger et al.	
		US - 5,821,945	10/13/1998	Yeo et al.	
		US - 5,870,138	02/09/1999	Smith et al.	
		US - 5,581,276	12/03/1996	Cipolla et al.	
		US - 6,061,088	05/09/2000	Khosravi et al.	
		US - 6,072,496	06/06/2000	Guenter et al.	
		US - 6,072,903	06/06/2000	Maki et al.	
		US - 6,144,366	11/07/2000	Numazaki et al.	
		US - 6,242,456	06/05/2001	Shuster et al.	
-		US - 6,263,088	07/17/2001	Crabtree et al.	
		US - 6,630,148	10/07/2003	Ingham et al.	
		US - 6,630,347	10/07/2003	Huang et al.	
		US - 6,576,237	06/10/2003	Ingham et al.	
		US - 6,715,444	04/06/2004	Yabusaki et al.	

Examiner	Cite	OTHER PRIOR ART NON PATENT LITERATURE DOCUMENTS	T ²
Initials *	No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	
		PHILIPS, MICHAEL et al.; "Video Segmentation Techniques For News"; SPIE, Vol. 2916; 1996; pp. 243-251.	
		WOLF, WAYNE; "Hidden Markov Model Parsing Of Video Programs"; <i>IEEE</i> ; 1997; pp. 2609-2611.	
		HVS Image Homepage 11/25/1997; Video Tracking System For Morris Water Maze, Open Field, Radial-Arm Maze etc.	•
		AccuScan On-Line Catalog, 11/19/1997.	
		Omnitech Electronics, Inc., Residential Maze Computerized System, 1991.	
		Omnitech Electronics, Inc., Olympus 1 Meter x 1 Meter Animal Activity Monitor, 1988.	
		Digiscan Optical Animal Activity Monitoring System, AccuScan Instruments, Inc., 1997.	
		Digiscan DMicro System; AccuScan Instruments, Inc., 1996	
		Tremorscan Monitor Model TS1001; AccuScan Instruments, Inc., 1997.	
		"RotoScan" Rotometer High Resolution Rotation Monitoring; AccuScan Instruments, Inc., 1993.	
		Automated Plus Maze Open/Closed Arm System; AccuScan Instruments, Inc., 1991.	
		Digiscan Model CCDIGI Optical Animal Activity Monitoring System, AccuScan Instruments, Inc., 1997.	
		San Diego Instruments Behavioral Testing Systems, 11/19/1997 (18 pp).	
		OZER, I.B., et al.; "Human Activity Detection in MPEG Sequences;" Proceedings of IEEE Workshop on Human Motion; Austin, Texas; December 7-8, 2000.	
		FITZGERALD, R.E. et al.; "Validation Of A Photobeam System For Assessment Of Motor Activity In Rats;" <i>Toxicology, 49</i> (1988); pp. 433-439.	
	į	The Observer, Professional System For Collection, Analysis and Management Of Observational Data; Noldus Information Technology; 1996.	
		Etho Vision, Computer Vision System For Automation Of Behavioral Experiments; Noldus Information Technology; 1997.	-
		CRNIC, LINDA S. et al.; "Automated Analysis Of Digitized Videotapes Of Mouse Home-Cage Behavior"; February 17, 2000.	
		CRNIC, LINDA S. et al.; "Automated Analysis Of Digitized Videotapes Of Mouse Home-Cage Behavior"; 2000 Neuroscience Annual Conference, New Orleans; October 2000; (1p).	
		CRNIC, LINDA S. et al.; "Automated Analysis Of Digitized Videotapes Of Mouse Home-Cage Behavior"; Symposium Of Behavioral Phenotyping Of Mouse Mutants, Cologne, Germany; Feb. 17-19, 2000; (1p).	
		LIANG, YIQING et al.; "Multiple Motion Detection Using Genetic Algorithms"; DARPA Image Understanding Workshop, Monterey, CA; November 1998; (8pp).	
		LIANG, YIQING et al.; "A Shot Boundary Detection Algorithm Adapted For Predator Video"; Applied Imagery and Pattern Recognition (AIPR) '98; Washington, D.C.; October 1998; (9pp).	
		ZENG, H. et al.; "Data Mining For Combat Vehicle Classification Using Machine Learning"; Applied Imagery and Pattern Recognition (AIPR) '98, Washington, D.C.; October 1998; (10pp).	

LIANG, YIQING et al.; "A Ground Target Detection System For Digital Video Database";	
1998; (6pp).	
LIANG, YIQING et al.; "A Practical Video Indexing and Retrieval System"; Applied Imagery and Pattern Recognition (AIPR) '97, Washington, D.C.; October 1997; (8pp).	
LIANG, YIQING et al.; "A Practical Video Database Based On Language and Image Analysis"; AAAI Technical Report, SS-97-03, ed., Alex Hauptmann & Michael Witbrock, Intelligent Use and Integration Of Text, Image, Video and Speech; March 1997; (6pp).	
WOLF, WAYNE et al.; "A Digital Video Library For Classroom Use"; International Conference On Digital Library '95, Tsukuba; August 1995; (6pp).	
WOLF, WAYNE et al.; "A Digital Video Library On The World Wide Web"; ACM Multimedia '96, Addison-Wesley, Publishing Company; November 1996; pp. 433-434.	
LIANG, YIQING et al.; "Apprenticeship Learning Of Domain Models"; Seventh Intl. Conference On Software Engineering and Knowledge Engineering, Rockville, Maryland; June 1995; (9pp).	
LUI, BEDE et al.; "The Princeton Video Library Of Politics"; Digital Libraries '94, Texas A & M University; June 1994; pp. 215-216.	
PALMER, JAMES D. et al.; "Classification As An Approach To Requirements Analysis"; 1 st ASIS SIG/CR Classification Research Workshop, Toronto, Canada; November 4, 1990; pp. 129-136.	
PALMER, JAMES D. et al.; "Approaches To Domain Model Construction"; Domain Modeling Workshop, 13 th International Conference On Software Engineering, Austin, Texas; March 26, 1991; pp. 130-135.	
OZER, I. BURAK et al.; "Relational Graph Matching For Human Detection And Posture Recognition"; SPIE, Photonic East 2000, Internet Multimedia Management Systems, Boston. November 2000: (12pp).	
OZER, I. BURAK et al.; "A Graph Based Object Description For Information Retrieval In Digital Image And Video Libraries"; Proceedings Of IEEE Workshop On Content-Based	
YU, H. et al.; "A Visual Search System For Video And Image Databases", IEEE Multimedia; 1997; (8pp).	
YU, H. et al.; "Hierarchical, Multi-Resolution Algorithms For Dictionary-Drive Content-Based Image Retrieval"; International Conference On Image Processing; 1997; (4pp).	
WOLF, W.; "Key Frame Selection By Motion Analysis"; Proceedings, ICASSP, IEEE Press; 1996; (4pp).	
PHILIPS, MICHAEL et al.; "A Multi-Attribute Shot Segmentation Algorithm for Video Programs"; <i>Proceedings, SPIE 2916</i> ; 1996; (10pp).	
YEUNG, MINERVA M. et al.; "Video Browsing Using Clustering And Scene Transitions On Compressed Sequences"; SPIE Conference On Multimedia Computing And Networking; Vol. 2417; 1995; pp. 399-413.	
YU, H. et al.; "Scenic Classification Methods For Image And Video Databases"; SPIE; Vol. 2606; 1995; pp. 363-371.	
YEO, B.L. et al.; "Theft-Resistant Video Browsing Using Filtered Versions Of Compressed Sequences"; IEEE Conference On Multimedia Computing And Systems; 1995; (6pp).	
OZER, I. BURAK et al.; "Human Activity Detection In MPEG Sequence"; Proceedings Of IEEE Workshop On Human Motion, Austin; December 2000; pp. 61-66.	- "
KOBLA, VIKRANT et al.; "Compressed Domain Video Segmentation"; CFAR Technical Report CS-TR-3688, University Of Maryland, College Park; October 25, 1996; (34pp).	
KOBLA, VIKRANT et al.; "Feature Normalization For Video Indexing And Retrieval"; CFAR Technical Report CS-TR-3732, University Of Maryland, College Park; November 1996; (40pp).	
KOBLA, VIKRANT et al.; "Archiving, Indexing, And Retrieval Of Video In The Compressed Domain"; In Proceedings Of SPIE Conference On Multimedia Storage And Archiving Systems; Vol. 2916; November 1996; (12pp).	
KOBLA, VIKRANT et al.; "Compressed Domain Video Indexing Techniques Using DCT And Motion Vector Information In MPEG Video"; In Proceedings Of SPIE Conference On Storage And Retrieval For Image And Video Databases V; Vol. 3022; February 1997;	
	Conference On Visual Information Processing VII, AeroSense; 98, Orlando, Florida; April 1998; (epp). LIANG, YIQING et al.; "A Practical Video Indexing and Retrieval System"; Applied Imagery and Pattern Recognition (AIPR) '97, Washington, D.C.; October 1997; (8pp). LIANG, YIQING et al.; "A Practical Video Database Based On Language and Image Analysis"; AAAI Technical Report, SS-97-03, ed., Alex Hauptmann & Michael Witbrock, Intelligent Use and Integration Of Text, Image, Video and Speech; March 1997; (6pp). WOLF, WAYNE et al.; "A Digital Video Library For Classroom Use"; International Conference On Digital Library '95, Tsukuba'; August 1995; (6pp). WOLF, WAYNE et al.; "A Digital Video Library On The World Wide Web"; ACM Multimedia '96, Addison-Wesley, Publishing Company, November 1996; pp. 433-434. LIANG, YIQING et al.; "Apprenticeship Learning Of Domain Models"; Seventh Intl. Conference On Software Engineering and Knowledge Engineering, Rockville, Maryland; June 1995; (9pp). LUI, BEDE et al.; "The Princeton Video Library Of Politics", Digital Libraries '94, Toxas A & M University, June 1994; pp. 215-216. PALMER, JAMES D. et al.; "Classification As An Approach To Requirements Analysis"; 1" ASIS SIGCR Classification Research Workshop, Toronto, Canada; November 4, 1990; pp. 129-136. PALMER, JAMES D. et al.; "Approaches To Domain Model Construction"; Domain Modeling Workshop, 13" International Conference On Software Engineering, Austin, Toxas; March 26, 1991; pp. 130-135. DEALMER, JAMES D. et al.; "Relational Graph Matching For Human Detection And Posture Recognition"; SPIE, Photonic East 2000, Internet Multimedia Management Systems, Boston, November 2000; (12pp). OZER, I. BURAK et al.; "A Graph Based Object Description For Information Retrieval In Digital Image And Video Libraries"; Proceedings Of IEEE Workshop On Content-Based Access Of Image & Video Libraries Colorado; June 1999; (5pp). VU, H. et al.; "A Visual Search System For Video And Image Databases"; IEEE Multimedia; 1997; (4pp). WOLF, W.; "Rey

Video", In Proceedings Of IEEE First Workshop On Multimedia Signal Processing (MMSP), June 1997; (6pp). KOBLA, VIKRANT et al.; "Video Trails: Representing and Visualizing Structure In Video Sequences"; In Proceedings Of ACM Multimedia Conference; November 1997; (12pp). KOBLA, VIKRANT et al.; "Developing High-Level Representations Of Video Clips Using Video Trails"; In Proceedings Of SPIE Conference On Storage And Retrieval For Image And Video Trails"; In Proceedings Of SPIE Conference On Storage And Retrieval For Image And Video Databases VI; January 1998; (12pp). KOBLA, VIKRANT et al.; "Indexing And Retrieval Of MPEG Compressed Video"; Journal Of Electronic Imaging; Vol. 7(2); April 1998; (36pp). KOBLA, VIKRANT et al.; "Special Effect Edit Detection Using Video Trails: A Comparison With Existing Techniques"; Proceedings Of SPIE Conference On Storage And Retrieval For Image And Video Detabases VI; January 1999; (12pp). DORAI, C. et al.; "Extracting Motion Annotations From MPEG-2 Compressed Video For HDTV Content Management Applications"; IEEE International Conference On Multimedia Computing And Systems; June 1999; (6pp). KOBLA, VIKRANT et al.; "Detection Of Slow-Motion Replay Sequences For Identifying Sports Videos", In Proceedings Of IEEE Third Workshop On Multimedia Signal Processing (MMSP); September 1998; (6pp). DORAI, C. et al.; "Generating Motion Descriptors From MPEG-2 Compressed HDTV Video For Content-Based Annotation And Retrieval", In Proceedings Of IEEE Third Workshop On Multimedia Signal Processing (MMSP); September 1998; (4pp). KOBLA, VIKRANT et al.; "Identifying sports Videos Using Replay, Text, And Camera Motion Features", Proceedings Of The SPIE Conference On Storage And Retrieval For Media Databases VI, 3972; January 2000; (12pp). LIANG, YIQING; "A Practical Digital Video Database Based On Language And Image Analysis; International Conference Multimedia Databases On Internet, Seoul, Korea, October 10, 1997; (23pp). YU, HONG-HEATHER et al.; "A Visual Search System For Video And Image D	MODILA MINDANIT et al. "Extraction Of Factures For Indoxing MDEC Compressed	
Sequences"; In Proceedings of ACM Multimedia Conference; November 1997; (12pp). KOBLA, VIKRANT et al.; "Developing High-Level Representations of Video Clips Using Video Trails"; In Proceedings of SPIE Conference On Storage And Retrieval For Image And Video Databases VI; January 1998; (12pp). KOBLA, VIKRANT et al.; "Indexing And Retrieval Of MPEG Compressed Video"; Journal Of Electronic Imaging; Vol. 7(2); April 1998; (36pp). KOBLA, VIKRANT et al.; "Special Effect Edit Detection Using Video Trails: A Comparison With Existing Techniques"; Proceedings Of SPIE Conference On Storage And Retrieval For Image And Video Databases VII; January 1999; (12pp). DORAI, C. et al.; "Extacting Motion Annotations From MPEG-2 Compressed Video For HDTV Content Management Applications"; IEEE International Conference On Multimedia Computing And Systems; June 1999; (6pp). KOBLA, VIKRANT et al.; "Detection Of Slow-Motion Replay Sequences For Identifying Sports Videos"; In Proceedings Of IEEE Third Workshop On Multimedia Signal Processing (MMSP); September 1999; (6pp). DORAI, C. et al.; "Generating Motion Descriptors From MPEG-2 Compressed HDTV Video For Content-Based Annotation And Retrieval"; In Proceedings OF IEEE Third Workshop On Multimedia Signal Processing (MMSP); September 1999; (4pp). KOBLA, VIKRANT et al.; "Identifying sports Video Using Replay, Text, And Camera Motion Features"; Proceedings Of The SPIE Conference On Storage And Retrieval For Media Databases; Vol. 3972; January 2000; (12pp). LIANG, VIQING et al.; "Toward An Object And Multiple-Modalities Based Indexing And Retrieval Of Video Contents"; DARPA's Image Understanding Workshop, Moniterey, California; November 1998; (21pp). LIANG, VIQING et al.; "Toward An Object And Multiple-Modalities Based Indexing And Retrieval Of Video Contents," DARPA's Image Understanding Workshop, Moniterey, California; November 1998; (21pp). JUHANG, VIQING et al.; "Toward An Object And Multiple-Modalities Based Indexing And Retrieval For Image And Video Databases: In Proceedings,		
Video Trails*; In Proceedings Of SPIE Conference On Storage And Retrieval For Image And Video Databases VI, January 1998; (12pp). KOBLA, VIKRANT et al.; "Indexing And Retrieval Of MPEG Compressed Video"; Journal Of Electronic Imaging; Vol. 7(2); April 1998; (36pp). KOBLA, VIKRANT et al.; "Special Effect Edit Detection Using Video Trails: A Comparison With Existing Techniques": Proceedings of SPIE Conference On Storage And Retrieval For Image And Video Databases VII; January 1999; (12pp). DORAI, C. et al.; "Extracting Motion Annotations From MPEG-2 Compressed Video For HDTV Content Management Applications"; IEEE International Conference On Multimedia Computing And Systems; June 1999; (6pp). KOBLA, VIKRANT et al.; "Detection Of Slow-Motion Replay Sequences For Identifying Sports Videos", In Proceedings of IEEE Third Workshop On Multimedia Signal Processing (MMSP); September 1999; (6pp). DORAI, C. et al.; "Generating Motion Descriptors From MPEG-2 Compressed HDTV Video For Content-Based Annotation And Retrieval", In Proceedings Of IEEE Third Workshop On Multimedia Signal Processing (MMSP); September 1999; (4pp). KOBLA, VIKRANT et al.; "Identifying sports Videos Using Replay, Text, And Camera Motion Features", Proceedings Of The SPIE Conference On Storage And Retrieval For Media Databases; Vol. 3972, January 2000; (12pp). LIANG, YICING et al.; "Toward An Object And Multiple-Modalities Based Indexing And Retrieval Of Video Contents", DARPs' Image Understanding Workshop; Monterey, California, November 1998; (21pp). LIANG, YICING: "A Practical Digital Video Database Based On Language And Image Analysis; International Conference Multimedia Databases On Internet, Seoul, Korea, October 10, 1997; (23pp). YU, HONG-HEATHER et al.; "A Visual Search System For Video And Image Databases: In Proceedings, ICMCS 1997, IEEE Computer Society Press; 1997; pp. 517-524. YU, HONG-HEATHER et al.; "A Hierarchical Multi-Resolution Video Databases VI, SPIE; Vol. 3312; 1998; pp. 176-187. YU, HONG-HEATHER et al.; "A Multi-Resoluti	KOBLA, VIKRANT et al.; "Video Trails: Representing and Visualizing Structure In Video	
Of Electronic Imaging; Vol. 7(2); April 1998; (36pp). KOBLA, VIKRANT et al.; "Special Effect Edit Detection Using Video Trails: A Companison With Existing Techniques": Proceedings Of SPIE Conference On Storage And Retrieval For Image And Video Databases VII; January 1999; (12pp). DORAI, C. et al.; "Extracting Motion Annotations From MPEG-2 Compressed Video For HDTV Content Management Applications"; IEEE International Conference On Multimedia Computing And Systems; June 1999; (8pp). KOBLA, VIKRANT et al.; "Detection Of Slow-Motion Replay Sequences For Identifying Sports Videos"; In Proceedings Of IEEE Third Workshop On Multimedia Signal Processing (MMSP); September 1999; (6pp). DORAI, C. et al.; "Generating Motion Descriptors From MPEG-2 Compressed HDTV Video For Content-Based Annotation And Retrieval"; In Proceedings Of IEEE Third Workshop On Multimedia Signal Processing (MMSP); September 1999; (4pp). KOBLA, VIKRANT et al.; "Identifying sports Videos Using Replay, Text, And Camera Motion Features"; Proceedings Of The SPIE Conference On Storage And Retrieval For Media Databases; Vol. 3972; January 2000; (12pp). LIANG, YIQING et al.; "Toward An Object And Multiple-Modalities Based Indexing And Retrieval Of Video Contents"; DAPA's Image Understanding Workshop; Monterey, California: November 1998; (21pp). LIANG, YIQING; "A Practical Digital Video Database Based On Language And Image Analysis; International Conference Multimedia Databases On Internet; Seoul, Korea; October 10, 1997; (23pp). YU, HONG-HEATHER et al.; "A Visual Search System For Video And Image Databases: In Proceedings, ICMCS 1997, IEEE Computer Society Press; 1997; pp. 517-524. YU, HONG-HEATHER et al.; "Multi-Resolution Video Segmentation Using Wavelet Transformation"; In Storage And Retrieval For Image And Video Databases VI, SPIE; Vol. 3312; 1998; pp. 176-187. YU, HONG-HEATHER et al.; "A Hierarchical Multi-Resolution Video Segmentation Contents Scheme", Computer Vision And Image Understanding; Vol. 75; July/August 1999; pp. 196-213. LIAN	Video Trails"; In Proceedings Of SPIE Conference On Storage And Retrieval For Image	
Comparison With Existing Techniques", Proceedings Of SPIE Conference On Storage And Retrieval For Image And Video Databases VII; January 1999; (12pp). DORAI, C. et al.; "Extracting Motion Annotations From MPEG-2 Compressed Video For HDTV Content Management Applications", IEEE International Conference On Multimedia Computing And Systems; June 1999; (6pp). KOBLA, VIKRANT et al.; "Detection Of Slow-Motion Replay Sequences For Identifying Sports Videos"; In Proceedings Of IEEE Third Workshop On Multimedia Signal Processing (MMSP); September 1999; (6pp). DORAI, C. et al.; "Generating Motion Descriptors From MPEG-2 Compressed HDTV Video For Content-Based Annotation And Retrieval"; In Proceedings Of IEEE Third Workshop On Multimedia Signal Processing (MMSP); September 1999; (4pp). KOBLA, VIKRANT et al.; "Identifying sports Videos Using Replay, Text, And Camera Motion Features"; Proceedings Of The SPIE Conference On Storage And Retrieval For Media Databases; Vol. 3972; January 2000; (12pp). LIANG, YIOING et al.; "Toward An Object And Multiple-Modalities Based Indexing And Retrieval Of Video Contents"; DARPA's Image Understanding Workshop; Monterey, California; November 1998; (21pp). LIANG, YIOING; "A Practical Digital Video Database Based On Language And Image Analysis; International Conference Multimedia Databases On Internet; Seoul, Korea; October 10, 1997; (23pp). YU, HONG-HEATHER et al.; "A Visual Search System For Video And Image Databases: In Proceedings, ICMCS 1997, IEEE Computer Society Press; 1997; pp. 517-524. YU, HONG-HEATHER et al.; "A Hilerarchical Multi-Resolution Video Segmentation Using Wavelet Transformation"; In Storage And Retrieval For Image And Video Databases V, SPIE; Vol. 3312; 1998; pp. 176-187. YU, HONG-HEATHER et al.; "A Hilerarchical Multi-Resolution Scheme"; Computer Vision And Image Understanding; Vol. 75; July/August 1999; pp. 190-243. LI, YANBING et al.; "Semantic Image Retrieval Through Human Subject Segmentation And Characterization"; In Storage And Retrieval For Image And Vid		
HDTV Content Management Applications"; IEEE International Conference On Multimedia Computing And Systems; June 1999; (6pp). KOBLA, VIKRANT et al.; "Detection Of Slow-Motion Replay Sequences For Identifying Sports Videos"; In Proceedings Of IEEE Third Workshop On Multimedia Signal Processing (MMSP); September 1999; (6pp). DORAI, C. et al.; "Generating Motion Descriptors From MPEG-2 Compressed HDTV Video For Content-Based Annotation And Retrieval"; In Proceedings OF IEEE Third Workshop On Multimedia Signal Processing (MMSP); September 1999; (4pp). KOBLA, VIKRANT et al.; "Identifying sports Videos Using Replay, Text, And Camera Motion Features"; Proceedings Of The SPIE Conference On Storage And Retrieval For Media Databases; Vol. 3972; January 2000; (12pp). LIANG, YiQiNG et al.; "Toward An Object And Multiple-Modalities Based Indexing And Retrieval Of Video Contents"; DARPA's Image Understanding Workshop; Monterey, California; November 1998; (21pp). LIANG, YiQiNG; "A Practical Digital Video Database Based On Language And Image Analysis; International Conference Multimedia Databases On Internet; Seoul, Korea; October 10, 1997; (23pp). YU, HONG-HEATHER et al.; "A Visual Search System For Video And Image Databases: In Proceedings, ICMCS 1997, IEEE Computer Society Press; 1997; pp. 517-524. YU, HONG-HEATHER et al.; "Multi-Resolution Video Segmentation Using Wavelet Transformation"; In Storage And Retrieval For Image And Video Databases VI, SPIE; Vol. 3312; 1998; pp. 176-187. YU, HONG-HEATHER et al.; "A Hierarchical Multi-Resolution Video Shot Transition Detection Scheme"; Computer Vision And Image Understanding; Vol. 75; July/August 1999; pp. 196-213. LI, YANBING et al.; "Semantic Image Retrieval Through Human Subject Segmentation And Characterization"; In Storage And Retrieval For Image And Video Databases V, SPIE; Vol. 3022; 1997; pp. 340-351. YU, HONG-HEATHER et al.; "A Multi-Resolution Video Segmentation Scheme For Wipe Transition Identification"; In Proceedings IEEE ICASSP, Vol. 5; 1998; pp. 2965-2968.	Comparison With Existing Techniques"; Proceedings Of SPIE Conference On Storage	
KOBLA, VIKRANT et al.; "Detection Of Slow-Motion Replay Sequences For Identifying Sports Videos"; In Proceedings Of IEEE Third Workshop On Multimedia Signal Processing (MMSP); September 1999; (6pp). DORAI, C. et al.; "Generating Motion Descriptors From MPEG-2 Compressed HDTV Video For Content-Based Annotation And Retrieval"; In Proceedings OF IEEE Third Workshop On Multimedia Signal Processing (MMSP); September 1999; (4pp). KOBLA, VIKRANT et al.; "Identifying sports Videos Using Replay, Text, And Camera Motion Features"; Proceedings Of The SPIE Conference On Storage And Retrieval For Media Databases; Vol. 3972; January 2000; (12pp). LIANG, YIQING et al.; "Toward An Object And Multiple-Modalities Based Indexing And Retrieval Of Video Contents"; DARPA's Image Understanding Workshop; Monterey, California; November 1998; (21pp). LIANG, YIQING; "A Practical Digital Video Database Based On Language And Image Analysis; International Conference Multimedia Databases On Internet; Seoul, Korea; October 10, 1997; (23pp). YU, HONG-HEATHER et al.; "A Visual Search System For Video And Image Databases: In Proceedings, ICMCS 1997, IEEE Computer Society Press; 1997; pp. 517-524. YU, HONG-HEATHER et al.; "Multi-Resolution Video Segmentation Using Wavelet Transformation"; In Storage And Retrieval For Image And Video Databases VI, SPIE; Vol. 3312; 1998; pp. 176-187. YU, HONG-HEATHER et al.; "A Hierarchical Multi-Resolution Video Shot Transition Detection Scheme"; Computer Vision And Image Understanding, Vol. 75; July/August 1999; pp. 196-213. LI, YANBING et al.; "Semantic Image Retrieval Through Human Subject Segmentation And Characterization"; In Storage And Retrieval Trange And Video Databases V, SPIE; Vol. 3022; 1997; pp. 340-351. YU, HONG-HEATHER et al.; "A Multi-Resolution Video Segmentation Scheme For Wipe Transition Identification"; In Proceedings IEEE ICASSP, Vol. 5; 1998; pp. 2965-2968. LIANG, YIQING Ph.D.; "Video Retrieval Based On Language And Image Analysis"; Defense Advanced Research Projects Agency Informat	HDTV Content Management Applications"; IEEE International Conference On	
DORAI, C. et al.; "Generating Motion Descriptors From MPEG-2 Compressed HDTV Video For Content-Based Annotation And Retrieval"; In Proceedings OF IEEE Third Workshop On Multimedia Signal Processing (MMSP); September 1999; (4pp). KOBLA, VIRRANT et al.; "Identifying sports Videos Using Replay, Text, And Camera Motion Features"; Proceedings Of The SPIE Conference On Storage And Retrieval For Media Databases; Vol. 3972; January 2000; (12pp). LIANG, YIQING et al.; "Toward An Object And Multiple-Modalities Based Indexing And Retrieval Of Video Contents"; DARPA's Image Understanding Workshop; Monterey, California; November 1998; (21pp). LIANG, YIQING; "A Practical Digital Video Database Based On Language And Image Analysis; International Conference Multimedia Databases On Internet; Seoul, Korea; October 10, 1997; (23pp). YU, HONG-HEATHER et al.; "A Visual Search System For Video And Image Databases: In Proceedings, ICMCS 1997, IEEE Computer Society Press; 1997; pp. 517-524. YU, HONG-HEATHER et al.; "Multi-Resolution Video Segmentation Using Wavelet Transformation"; In Storage And Retrieval For Image And Video Databases VI, SPIE; Vol. 3312; 1998; pp. 176-187. YU, HONG-HEATHER et al.; "A Hierarchical Multi-Resolution Video Shot Transition Detection Scheme"; Computer Vision And Image Understanding; Vol. 75; JulylAugust 1999; pp. 196-213. LI, YANBING et al.; "Semantic Image Retrieval Through Human Subject Segmentation And Characterization"; In Storage And Retrieval For Image And Video Databases V, SPIE; Vol. 3022; 1997; pp. 340-351. YU, HONG-HEATHER et al.; "A Multi-Resolution Video Segmentation Scheme For Wipe Transition Identification"; In Proceedings IEEE ICASSP; Vol. 5; 1998; pp. 2965-2968. LIANG, YIQING Ph.D.; "Video Retrieval Based On Language And Image Analysis"; Defense Advanced Research Projects Agency Information Systems Office; May 28, 1999; 35 pp. CRNIC, L.S.; "The Effects Of Chronic Lithium Chloride Administration On Complex Schedule Performance, Activity, And Water Intake In The Albino Rat"; Physio	KOBLA, VIKRANT et al.; "Detection Of Slow-Motion Replay Sequences For Identifying Sports Videos"; In Proceedings Of IEEE Third Workshop On Multimedia Signal	
KOBLA, VIKRANT et al.; "Identifying sports Videos Using Replay, Text, And Camera Motion Features", Proceedings Of The SPIE Conference On Storage And Retrieval For Media Databases; Vol. 3972; January 2000; (12pp). LIANG, YIQING et al.; "Toward An Object And Multiple-Modalities Based Indexing And Retrieval Of Video Contents"; DARPA's Image Understanding Workshop; Monterey, California; November 1998; (21pp). LIANG, YIQING; "A Practical Digital Video Database Based On Language And Image Analysis; International Conference Multimedia Databases On Internet; Seoul, Korea; October 10, 1997; (23pp). YU, HONG-HEATHER et al.; "A Visual Search System For Video And Image Databases: In Proceedings, ICMCS 1997, IEEE Computer Society Press; 1997; pp. 517-524. YU, HONG-HEATHER et al.; "Multi-Resolution Video Segmentation Using Wavelet Transformation"; In Storage And Retrieval For Image And Video Databases VI, SPIE; Vol. 3312; 1998; pp. 176-187. YU, HONG-HEATHER et al.; "A Hierarchical Multi-Resolution Video Shot Transition Detection Scheme"; Computer Vision And Image Understanding; Vol. 75; July/August 1999; pp. 196-213. LI, YANBING et al.; "Semantic Image Retrieval Through Human Subject Segmentation And Characterization"; In Storage And Retrieval For Image And Video Databases V, SPIE; Vol. 3022; 1997; pp. 340-351. YU, HONG-HEATHER et al.; "A Multi-Resolution Video Segmentation Scheme For Wipe Transition Identification"; In Storage And Retrieval For Image And Image Analysis"; Defense Advanced Research Projects Agency Information Systems Office; May 28, 1999; 35 pp. CRNIC, L.S.; "The Effects Of Chronic Lithium Chloride Administration On Complex Schedule Performance, Activity, And Water Intake In The Albino Rat"; Physiological Psychology, Vol. 4; 1976; pp. 166-170. CRNIC, L.S.; "Maternal Behavior in The Undernourished Rate (Rattus Norvegicus)"; Physiology & Behavior; Vol. 16; 1976; pp. 677-680.	DORAI, C. et al.; "Generating Motion Descriptors From MPEG-2 Compressed HDTV Video For Content-Based Annotation And Retrieval"; In Proceedings OF IEEE Third	
Retrieval Of Video Contents"; DARPA's Image Understanding Workshop; Monterey, California; November 1998; (21pp). LIANG, YIQING; "A Practical Digital Video Database Based On Language And Image Analysis; International Conference Multimedia Databases On Internet; Seoul, Korea; October 10, 1997; (23pp). YU, HONG-HEATHER et al.; "A Visual Search System For Video And Image Databases: In Proceedings, ICMCS 1997, IEEE Computer Society Press; 1997; pp. 517-524. YU, HONG-HEATHER et al.; "Multi-Resolution Video Segmentation Using Wavelet Transformation"; In Storage And Retrieval For Image And Video Databases VI, SPIE; Vol. 3312; 1998; pp. 176-187. YU, HONG-HEATHER et al.; "A Hierarchical Multi-Resolution Video Shot Transition Detection Scheme"; Computer Vision And Image Understanding; Vol. 75; JulylAugust 1999; pp. 196-213. LI, YANBING et al.; "Semantic Image Retrieval Through Human Subject Segmentation And Characterization"; In Storage And Retrieval For Image And Video Databases V, SPIE; Vol. 3022; 1997; pp. 340-351. YU, HONG-HEATHER et al.; "A Multi-Resolution Video Segmentation Scheme For Wipe Transition Identification"; In Proceedings IEEE ICASSP; Vol. 5; 1998; pp. 2965-2968. LIANG, YIQING Ph.D.; "Video Retrieval Based On Language And Image Analysis"; Defense Advanced Research Projects Agency Information Systems Office; May 28, 1999; 35 pp. CRNIC, L.S.; "The Effects Of Chronic Lithium Chloride Administration On Complex Schedule Performance, Activity, And Water Intake In The Albino Rat"; Physiological Psychology, Vol. 4; 1976; pp. 166-170. CRNIC, L.S.; "Maternal Behavior In The Undernourished Rate (Rattus Norvegicus)"; Physiology & Behavior, Vol. 16; 1976; pp. 677-680.	KOBLA, VIKRANT et al.; "Identifying sports Videos Using Replay, Text, And Camera Motion Features"; <i>Proceedings Of The SPIE Conference On Storage And Retrieval For Media Databases</i> ; Vol. 3972; January 2000; (12pp).	
Analysis; International Conference Multimedia Databases On Internet; Seoul, Korea; October 10, 1997; (23pp). YU, HONG-HEATHER et al.; "A Visual Search System For Video And Image Databases: In Proceedings, ICMCS 1997, IEEE Computer Society Press; 1997; pp. 517-524. YU, HONG-HEATHER et al.; "Multi-Resolution Video Segmentation Using Wavelet Transformation"; In Storage And Retrieval For Image And Video Databases VI, SPIE; Vol. 3312; 1998; pp. 176-187. YU, HONG-HEATHER et al.; "A Hierarchical Multi-Resolution Video Shot Transition Detection Scheme"; Computer Vision And Image Understanding; Vol. 75; July/August 1999; pp. 196-213. LI, YANBING et al.; "Semantic Image Retrieval Through Human Subject Segmentation And Characterization"; In Storage And Retrieval For Image And Video Databases V, SPIE; Vol. 3022; 1997; pp. 340-351. YU, HONG-HEATHER et al.; "A Multi-Resolution Video Segmentation Scheme For Wipe Transition Identification"; In Proceedings IEEE ICASSP; Vol. 5; 1998; pp. 2965-2968. LIANG, YIQING Ph.D.; "Video Retrieval Based On Language And Image Analysis"; Defense Advanced Research Projects Agency Information Systems Office; May 28, 1999; 35 pp. CRNIC, L.S.; "The Effects Of Chronic Lithium Chloride Administration On Complex Schedule Performance, Activity, And Water Intake In The Albino Rat"; Physiological Psychology; Vol. 4; 1976; pp. 166-170. CRNIC, L.S.; "Maternal Behavior In The Undernourished Rate (Rattus Norvegicus)"; Physiology & Behavior, Vol. 16; 1976; pp. 677-680.	Retrieval Of Video Contents"; DARPA's Image Understanding Workshop; Monterey, California; November 1998; (21pp).	
In Proceedings, ICMCS 1997, IEEE Computer Society Press; 1997; pp. 517-524. YU, HONG-HEATHER et al.; "Multi-Resolution Video Segmentation Using Wavelet Transformation"; In Storage And Retrieval For Image And Video Databases VI, SPIE; Vol. 3312; 1998; pp. 176-187. YU, HONG-HEATHER et al.; "A Hierarchical Multi-Resolution Video Shot Transition Detection Scheme"; Computer Vision And Image Understanding; Vol. 75; JulylAugust 1999; pp. 196-213. LI, YANBING et al.; "Semantic Image Retrieval Through Human Subject Segmentation And Characterization"; In Storage And Retrieval For Image And Video Databases V, SPIE; Vol. 3022; 1997; pp. 340-351. YU, HONG-HEATHER et al.; "A Multi-Resolution Video Segmentation Scheme For Wipe Transition Identification"; In Proceedings IEEE ICASSP; Vol. 5; 1998; pp. 2965-2968. LIANG, YIQING Ph.D.; "Video Retrieval Based On Language And Image Analysis"; Defense Advanced Research Projects Agency Information Systems Office; May 28, 1999; 35 pp. CRNIC, L.S.; "The Effects Of Chronic Lithium Chloride Administration On Complex Schedule Performance, Activity, And Water Intake In The Albino Rat"; Physiological Psychology; Vol. 4; 1976; pp. 166-170. CRNIC, L.S.; "Maternal Behavior In The Undermourished Rate (Rattus Norvegicus)"; Physiology & Behavior, Vol. 16; 1976; pp. 677-680.	Analysis; International Conference Multimedia Databases On Internet; Seoul, Korea; October 10, 1997; (23pp).	
Transformation"; In Storage And Retrieval For Image And Video Databases VI, SPIE; Vol. 3312; 1998; pp. 176-187. YU, HONG-HEATHER et al.; "A Hierarchical Multi-Resolution Video Shot Transition Detection Scheme"; Computer Vision And Image Understanding; Vol. 75; July/August 1999; pp. 196-213. LI, YANBING et al.; "Semantic Image Retrieval Through Human Subject Segmentation And Characterization"; In Storage And Retrieval For Image And Video Databases V, SPIE; Vol. 3022; 1997; pp. 340-351. YU, HONG-HEATHER et al.; "A Multi-Resolution Video Segmentation Scheme For Wipe Transition Identification"; In Proceedings IEEE ICASSP; Vol. 5; 1998; pp. 2965-2968. LIANG, YIQING Ph.D.; "Video Retrieval Based On Language And Image Analysis"; Defense Advanced Research Projects Agency Information Systems Office; May 28, 1999; 35 pp. CRNIC, L.S.; "The Effects Of Chronic Lithium Chloride Administration On Complex Schedule Performance, Activity, And Water Intake In The Albino Rat"; Physiological Psychology; Vol. 4; 1976; pp. 166-170. CRNIC, L.S.; "Maternal Behavior In The Undernourished Rate (Rattus Norvegicus)"; Physiology & Behavior, Vol. 16; 1976; pp. 677-680.		
Detection Scheme"; Computer Vision And Image Understanding; Vol. 75; July/August 1999; pp. 196-213. LI, YANBING et al.; "Semantic Image Retrieval Through Human Subject Segmentation And Characterization"; In Storage And Retrieval For Image And Video Databases V, SPIE; Vol. 3022; 1997; pp. 340-351. YU, HONG-HEATHER et al.; "A Multi-Resolution Video Segmentation Scheme For Wipe Transition Identification"; In Proceedings IEEE ICASSP; Vol. 5; 1998; pp. 2965-2968. LIANG, YIQING Ph.D.; "Video Retrieval Based On Language And Image Analysis"; Defense Advanced Research Projects Agency Information Systems Office; May 28, 1999; 35 pp. CRNIC, L.S.; "The Effects Of Chronic Lithium Chloride Administration On Complex Schedule Performance, Activity, And Water Intake In The Albino Rat"; Physiological Psychology; Vol. 4; 1976; pp. 166-170. CRNIC, L.S.; "Maternal Behavior In The Undernourished Rate (Rattus Norvegicus)"; Physiology & Behavior, Vol. 16; 1976; pp. 677-680.	Transformation"; In Storage And Retrieval For Image And Video Databases VI, SPIE; Vol. 3312; 1998; pp. 176-187.	
And Characterization"; In Storage And Retrieval For Image And Video Databases V, SPIE; Vol. 3022; 1997; pp. 340-351. YU, HONG-HEATHER et al.; "A Multi-Resolution Video Segmentation Scheme For Wipe Transition Identification"; In Proceedings IEEE ICASSP; Vol. 5; 1998; pp. 2965-2968. LIANG, YIQING Ph.D.; "Video Retrieval Based On Language And Image Analysis"; Defense Advanced Research Projects Agency Information Systems Office; May 28, 1999; 35 pp. CRNIC, L.S.; "The Effects Of Chronic Lithium Chloride Administration On Complex Schedule Performance, Activity, And Water Intake In The Albino Rat"; Physiological Psychology; Vol. 4; 1976; pp. 166-170. CRNIC, L.S.; "Maternal Behavior In The Undernourished Rate (Rattus Norvegicus)"; Physiology & Behavior, Vol. 16; 1976; pp. 677-680.	Detection Scheme"; Computer Vision And Image Understanding; Vol. 75; July/August 1999; pp. 196-213.	
Transition Identification"; In Proceedings IEEE ICASSP; Vol. 5; 1998; pp. 2965-2968. LIANG, YIQING Ph.D.; "Video Retrieval Based On Language And Image Analysis"; Defense Advanced Research Projects Agency Information Systems Office; May 28, 1999; 35 pp. CRNIC, L.S.; "The Effects Of Chronic Lithium Chloride Administration On Complex Schedule Performance, Activity, And Water Intake In The Albino Rat"; Physiological Psychology; Vol. 4; 1976; pp. 166-170. CRNIC, L.S.; "Maternal Behavior In The Undernourished Rate (Rattus Norvegicus)"; Physiology & Behavior, Vol. 16; 1976; pp. 677-680.	And Characterization"; In Storage And Retrieval For Image And Video Databases V, SPIE; Vol. 3022; 1997; pp. 340-351.	
Defense Advanced Research Projects Agency Information Systems Office; May 28, 1999; 35 pp. CRNIC, L.S.; "The Effects Of Chronic Lithium Chloride Administration On Complex Schedule Performance, Activity, And Water Intake In The Albino Rat"; Physiological Psychology; Vol. 4; 1976; pp. 166-170. CRNIC, L.S.; "Maternal Behavior In The Undernourished Rate (Rattus Norvegicus)"; Physiology & Behavior, Vol. 16; 1976; pp. 677-680.		
Schedule Performance, Activity, And Water Intake In The Albino Rat"; Physiological Psychology; Vol. 4; 1976; pp. 166-170. CRNIC, L.S.; "Maternal Behavior In The Undernourished Rate (Rattus Norvegicus)"; Physiology & Behavior, Vol. 16; 1976; pp. 677-680.	Defense Advanced Research Projects Agency Information Systems Office; May 28, 1999; 35 pp.	
Physiology & Behavior, Vol. 16; 1976; pp. 677-680.	Schedule Performance, Activity, And Water Intake In The Albino Rat"; <i>Physiological Psychology</i> ; Vol. 4; 1976; pp. 166-170.	
CRNIC, L.S.: "Effects Of Infantile Undernutrition On Adult Sucrose Solution Consumption	CRNIC, L.S.; "Maternal Behavior In The Undernourished Rate (Rattus Norvegicus)"; Physiology & Behavior, Vol. 16; 1976; pp. 677-680.	
In The Rat"; Physiology & Behavior, Vol. 22; 1979; pp. 1025-1028.	CRNIC, L.S.; "Effects Of Infantile Undernutrition On Adult Sucrose Solution Consumption In The Rat"; <i>Physiology & Behavior</i> , Vol. 22; 1979; pp. 1025-1028.	
CRNIC, L.S.; "Models Of Infantile Malnutrition In Rats: Effects On Maternal Behavior"; Developmental Psychobiology; Vol. 13; 1980; pp. 615-628.		
CRNIC, L.S. et al.; "Separation-Induced Early Malnutrition: Maternal, Physiological And Behavioral Effects"; <i>Physiology & Behavior</i> , Vol. 26; 1981; pp. 695-706.		
CRNIC, L.S.; "Effects Of Nutrition And Environment On Brain Biochemistry And Behavior"; Developmental Psychobiology; Vol. 16; 1983; pp. 129-145.		

CRNIC, L.S. et al.; "Behavioral Effects Of Neonatal Herpes Simplex Type 1 Infection Of Mice"; Neurotoxicology And Teratology; Vol. 10; 1988; pp. 381-386.
SEGALL, M.A. et al.; "An Animal Model For The Behavioral Effects Of Interferon"; Behavorial Neuroscience; Vol. 104; No. 4; 1990; pp. 612-618.
SEGALL, M.A. et al.; "A Test Of Conditioned Taste Aversion With Mouse Interferon-α"; Brain, Behavior And Immunity; Vol. 4; 1990; pp. 223-231.
CRNIC, L.S. et al.; "Prostaglandins Do Not Mediate Interferon-α Effects On Mouse Behavior"; <i>Physiology & Behavior</i> , Vol. 51; 1992; pp. 349-352.
CRNIC L.S., et al.; "Behavioral Effects Of Mouse Interferons-α and –γ And Human Interferon-α In Mice"; <i>Brain Research</i> ; Vol. 590; 1992; pp. 277-284.
DUNN, ANDREA L. et al.; "Repeated Injections Of Interferon-α A/D In Balb/c Mice: Behavioral Effects"; <i>Brain Behavior, and Immunity</i> ; Vol. 7; 1993; pp. 104-111.
SCHROTT, LISE M. et al.; "Sensitivity To Foot Shock In Autoimmune NZB x NZW F1 Hybrid Mice"; <i>Physiology & Behavior</i> , Vol. 56; No. 5; 1994; pp. 849-853.
COUSSONS-READ MARY E. et al.; "Behavioral Assessment Of The Ts65Dn Mouse, A Model For Down Syndrome: altered Behavior In The Elevated Plus Maze And Open Field"; Behavior Genetics; Vol. 26; No. 1; 1996; pp. 7-13.
SCHROTT, LISA M. et al.; "Increased Anxiety Behaviors In Autoimmune Mice"; Behavioral Neuroscience; Vol. 110; No. 3; 1996; pp. 492-502.
SCHROTT, LISA M. et al.; "The Role Of Performance Factors In The Active Avoidance-Conditioning Deficit In Autoimmune Mice"; <i>Behavioral Neuroscience</i> ; Vol. 110; No. 3; 1996; pp. 486-491.
SCHROTT, LISA M. et al.; "Anxiety Behavior, Exploratory Behavior, And Activity In NZB x NZW F1 Hybrid Mice: Role Of Geotype And Autoimmune Disease Progression"; <i>Brain, Behavior And Immunity</i> ; Vol. 10; 1996; pp. 260-274.
SCHROTT, LISA M. et al.; "Attenuation Of Behavioral Abnormalities In Autoimmune Mice By Chronic Soluble Interferon-γ Receptor Treatment"; <i>Brain, Behavior And Immunity</i> ; Vol. 12; 1998; pp. 90-106.
SAKIC, BORIS et al.; "Reduced Corticotropin-Releasing Factor And Enhanced Vasopressin Gene Expression In Brains Of Mice With Autoimmunity-Induced Behavorial Dysfunction"; Journal Of Neuroimmunology 96; 1999; pp. 80-91.
CRNIC, L.S. et al.; "Down Syndrome: Neuropsychology And Animal Models"; <i>Progress In Infancy Research</i> ; Vol. 1; 2000; pp. 69-111.
GRANHOLM, ANN-CHARLOTTE et al.; "Loss Of Cholinergic Phenotype In Basal Forebrain Coincides With Cognitive Decline In A Mouse Model Of Down's Syndrome"; Experimental Neurology; Vol. 161; 2000; pp. 647-663.
SAGO, HARUHIKO et al.; "Genetic Dissection Of Region Associated With Behavorial Abnormalities In Mouse Models For Down Syndrome"; <i>Pediatric Research</i> ; Vol. 48; No. 5; 2000; pp. 606-613.
HYDE, L.A. et al.; "Ts65Dn Mice, A Model For Down Syndrome, Have Deficits In Context Discrimination Learning suggesting Impaired Hippocampal Function"; <i>Behavorial Brain Research</i> ; Vol. 118; 2001; pp. 53-60.
HYDE, L.A. et al.; "Motor Learning In Ts65 Dn Mice, A Model For Down Syndrome"; Developmental Psychobiology; Vol. 38; 2001; pp. 33-45.
NIELSEN, D.M. et al.; "Elevated Plus Maze Behavior, Auditory Startle Response, And Shock Sensitivity In Predisease And In Early Stage Autoimmune Disease MRL/lpr Mice"; Brain Behavior And Immunity; 2001; pp. 1-16.
HYDE, L.A. et al.; "Age-Related Deficits In Context Discrimination Learning In Ts65Dn Mice That Model Down Syndrome And Alzheimer's Disease"; Behavorial Neuroscience; Vol. 115; 2001; pp. 1-8.
CRNIC, L.S.; "Effects Of Infantile Undernutrition On Adult Learning In Rats: Methodological And Design Problems"; <i>Psychological Bulletin</i> ; Vol. 83; No. 4; 1976; pp. 715-728.
CRNIC, L.S.; "Transgenic And Null Mutant Animals For Psychosomatic Research"; Psychosomatic Medicine; Vol. 58; 1996; pp. 622-632.
DIERSSEN, MARA et al.; "Murine Models For Down Syndrome"; <i>Physiology And Behavior</i> , Vol. 73; 2001; pp. 859-871.

COHEN, J.J. et al.; "Behavior, Stress, and Lymphocyte Recirculation"; Stress, Immunity And Aging; 1984; pp. 73-80.
CRNIC, L.S.; "Early Experience Effects: Evidence For Continuity?"; Continuities And Discontinuities In Development, Plenum Press, New York; 1984; pp. 355-368.
CRNIC, L.S. et al.; "Animal Modes Of Human Behavior: Their Application To The Study Of Attachment"; The Development Of Attachment And Affiliative Systems: Neurobiological And Psychobiological Aspects, Plenum, New York; 1982; pp. 31-42.
CRNIC, L.S.; "Animal Models Of Early Malnutrition: A Comment On Bias, Dependability, And Human Importance"; Malnutrition And Behavior: Critical Assessment Of Key Issues; 1984; pp. 460-468.
CRNIC, L.S.; "Nutrition And Mental Development"; American Journal Of Mental Deficiency; Vol. 88; No. 5; 1984; pp. 526-533.
JONES, A.P. et al.; "Maternal Mediation Of The Effects Of Malnutrition"; The Handbook Of Behavioral Teratology; Plenum; 1986; pp. 409-425.
CRNIC, L.S.; "The Use Of Animal Models to Study Effects Of Nutrition On Behavior"; Diet And Behavior: A Multidisciplinary Approach; Springer-Verlag; 1990; pp. 73-87.
CRNIC , L.S.; "Behavioral Consequences Of Virus Infection"; Psychoneuroimmunology, Second Edition; Academic Press; 1991; pp. 749-769.
CRNIC, L.S. et al.; "Animal Models Of Mental Retardation: An Overview"; Mental Retardation And Developmental Disabilities Research Reviews: Vol. 2; 1996; pp. 185-187.

Examiner	Date	
Signature	Considered	

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark hee if English language Translation is attached.